

The Double Configuration Approximation to the Two
Lowest Configurations of the Boron Atom, by G. K.
Siniavskii, A. P. Iutsis, 6 pp.

RUSSIAN, bino per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, Apr 1955, pp 452-457. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,660

Photometric Determination of Small Quantities of
Beryllium in Aluminum Alloys, by L. P.
Adamovich, and V. Yutsin.

RUSSIAN, per, Ukrainskiy Khimicheskiy Zhurnal.
Vol XIII, No 4, 1956, pp 583-586.

MT 148 187

Sci
Feb 63

222,433

Aurintricarboxylic Acid and Its Reaction with Beryllium
Salts, by L. P. Adamovich, I. I. Timofeyeva, B. V.
Kutsin, 7 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXX, No 4, 1960,
pp 1325-1333.

CB

Sci

153, 914

June 1961.

7/10/84 Equipment/Aerosleds

C

The Aerosleigh, by I. Yuvenalev, 13 pp. UNCLASSIFIED
RUSSIAN, per, Tekhnika Molodezhi, No 12, 1947.

AMC F-TS-7043-RE

FLT: Aerosani

C Mune CTS

A-13287

Yuvenskaya, N. P.
CHANGES IN THE OXIDO-REDUCTIVE POTENTIAL
OF THE BLOOD IN EXPERIMENTAL BROWN-
PIERCE CANCER AT VARIOUS STAGES OF
DEVELOPMENT, tr. by H. Warfield, 25 Mar 53, 12p.
(refs. 1 table omitted).
Order from OTS or SLA \$1.60 61-28091

Trans. of Arkhiv Patologii (USSR) 1947, v. 9, no. 2,
p. 59-64.

DESCRIPTORS: *Cancer, Rabbits, *Blood chemistry,
*Oxidation-reduction reactions, *Blood, *Blood plasma,
Blood pressure, Blood vessels.

The development of a tumor (Brown-Pierce cancer in
rabbits) is accompanied by a drop of the redoxipotentia
(Eh) of the blood which is reflected in disturbed oxi-
(Biological Sciences--Pathology, TT, v. 7, no. 6(over))

61-26091

I. Yuvenskaya, N. P.
II. National Institutes of
Health, Bethesda, Md.

197057

Office of Technical Services

INDUSTRIAL CENTERS IN HANGYONG-PUKTO AND
YANGBAE-DO AND THE CHONGJIN RAILROAD MANAGEMENT
BUREAU, BY YU MAN-CHOL, 6 PP.

KOREAN, PER, KYOTONG UNSU, 1963, PP 43-45.

JPRS 20726

FE + KOREA
ECON
AND 63

341,932

INDUSTRIAL CENTERS IN HANGTONG-JUNDO AND KANGWON-
DO AND THE HANGTONG RAILROAD MANAGEMENT BUREAU, BY
YU NAM-SOP, 6 PP.

KOREAN, PER, KYOTONG UNBI, NO 4, 1963, PP 43-45.

JPRS 20726

K
FE - KOREA
ECON
AUG 63

341,931

CONFERENCE ON "CHANGES IN THE PROPERTIES OF
MATERIALS UNDER THE INFLUENCE OF RADIATION,
BY D. VATSBURG, YU ZAKHAROV, 5 PP.

RUSSIAN, PER, ATOMNAYA ENERGIIYA, NO 11, 1962,
PP 497-498.

JPRS 20730

SCI - MISC
AND 63

341,906

Studies of Warfarin Poisoning. A Colorimetric
Method for the Determination of Warfarin in
Plasma, by A. Yuyama, 5 pp.

JAPANESE, Reports of the Dept. of Agriculture,
Iwate University, Vol I, 1953, pp 187-191.

Assoc Tech Sv-7408J

Sci
Aug 58

TUYAMA, A.
ATS-74G8J. Studies of warfarin poisoning. A
colorimetric method for the determination of warfarin
in plasma. Reports of the Dept. of Agriculture, Iwate
University, 1, p.187-191, 1953. (5p.)

(NY -5814)

On the Fundamental Mechanics of Nuclear Model
for Independent Particles, by Yu Min, Chang
Tsung-yeh, Yu H Yu-wen, 38 pp.

CHINESE, per, Wu-li H Hsueh-pao, Vol XV,
No 8, 1959, pp 397-418.

JPRS 7806

159,784

Sci - Phys
Jul 61

(BY-6658)

On the Energy Spectrum of Atomic Nuclei Near
Pb²⁰⁸ (III)- Pb²⁰⁸ and Tl²⁰⁸, by Jen Kang-wei,
Chou Kuang-wen, Yu Yu-wen, et al, 23 pp.

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 1,
1960, pp 27-37.

JPRS 10212

Sci - Phys

172 073

Oct 61

THE RELATIONSHIP BETWEEN MENTAL AND PHYSICAL
WORK BY YU YU-SUNG, 25 PP.

CHINESE, PER, PEIPING K'UANG-YEH HSUEH-YUAN
HSUEH-PAO, PEIPING, NO 1, 1959, PP 4-11.

JPRS 17188

FE - CHINA
SOC.
JAN 63

220,165

30

(NY-1449).

Our Basic Divergence From the Right Opportunists,
by Yu Yung-chih, 30 pp.

CHINESE, per, Ssu-chuan Ta-Hsueh Hsueh-pao,
No 6, 1960, pp 35-44.

JFRS 5285

FE - China
Pol
Sep 60

125, 049

23

(NY-4034)

Studies on the Modes of Action and Inhibitory Effects of Pencillin and Other Drugs on Drug-Resistant Strains of Staphylococcus Aureus, by Yu Yung-ch'uan, Chang K'uan-hou, 10 pp.

CHINESE, per, Wei-sheng-wu Hsueh-pao, Vol VII, No 3, 1959, pp 231-234.

JPRS 5264

Sci - Bio

Sep 60

125,394

(NY-5846)

Technological Innovations in the Latex Industry, by
Yu Yung-hsin, 3 pp.

CHINESE, per, Hua-hsueh Shih-chieh, No 12,
10 Dec 1959. p 602.

JPRS 7821

Sci

Jun 61

156,481

(DC-5360)

A Study of the Biological Properties of
Type-B Encephalitis Virus, by Li Ho-min,
Yu Yun-hsin, 12 pp.

CHINESE, per, Wei-sheng-wu Hsueh-pao, Vol VII,
No 1-2, 1959, pp 40-54.

JPRS 11027

Sci - Med
Dec 61

176,070

8

(NY-5872/a)

Studies on the Modified Bile-Salts Neutral Red
Medium and the Mode of Action of Some Inhibitory
Agents, by Yu Yung-ch'uan, Chang K'uan-hou,
12 pp.

CHINESE, per, Wei-sheng-wu Hsueh-pao, Vol VII,
No 3, 1 Nov 1959, pp 245-250.

JPRS 7838 166,463

Sci - Med
Sep 61

(10-5802)

Obtaining Cylinder Lubricating Oil From
Yu-men Oil and Study of the Properties
of Certain Cylinder-Lubricating Oils,
by Yu Yung-chung, Fu Lu-chiao,
Chiu Tsung-tao, et al, 16 pp.

CHINESE, per, Jan-liao Hsueh-pao, Vol IV,
No 4, Oct 1959, pp 383-389.

JPRS 11087

7
172,199

Sci - Fuels
Dec 61

(NY-5738/a)
2

Growth of Japanese B Encephalitis Virus In
Simple Tissue Culture, by ~~XXXXXXXXXX~~ Li
Ho-ming, Yu Yung-shing, 12 pp.

CHINESE, per, Wei-sheng-wu Hsueh-pao, Vol VII,
No 3, 1959, pp 183-188.

JPRS 7838

1,66,469

Sci - Med
Sep 61

(NY-4273).

40

The New Development of Financial and Commercial
Work as Seen in the Organization of People's
Economic Life in Chungking, by Yu. Yueh-tse, 19 pp.

CHINESE, per, Ching-chi Yen-chiu, No 4, 1960,
pp 17-21.

JPRS 2993

FE - China
Econ
Jul 60

119,683

Study of Catalytic Oxidation of Hydrogen over
Vanadium Pentoxide and Reduction-Oxidation of the
Catalyst by the Gaseous Mixture Components, by
V. A. Roiter and V. A. Yuza, 9 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III, No 3.
1962, pp 343-352.

CB

Sci

Apr 63

234,093

Mechanism of Reduction of Iron Oxides With Hydrogen,
Carbon Monoxide, and Mixtures of These Gases, by V. A.
Roiter, V. G. Yuza, A. M. Kuznetsov, UNCLASSIFIED.

RUSSIAN, per, Zhur Fiz Khim, Vol XXV, No 8, 1951, pp 960-
970.

Brutcher Tr No 3313

17,357

1 Scientific - Min/Metals

Equation of State for Saturated and Superheated
Steam, by Ya. Yuza.

RUSSIAN, per, Teploenergetika, No 10, 1960,
pp 80-89.

NLL RTS 1827

Sci - Phys

180,021

Jan 62

Yuza, Ya.

EQUATION OF STATE FOR SATURATED AND SUPERHEATED STEAM (Uravneniye Sostoyaniya dlya Nasyshchennogo i Peregretoego Vodyanogo Para). Apr 61 [25]p. 20 refs. RTS 1827.

Order from OTS or SLA \$2. 60

61-19799

Trans. of Teploenergetika (USSR) 1960 [v. 7] no. 10, p. 80-89.

DESCRIPTORS: *Equations of state, *Steam, Physical properties, Tables, Enthalpy, Specific heat,

It is shown that the new equation of state is suitable for the calculation of the specific volume, enthalpy, and specific heat in the following regions: 0 to 344° C up to the saturation curve; 350° C for $v \geq 10 \text{ cm}^3/\text{g}$; 470° C for $v \geq 10 \text{ cm}^3/\text{g}$; 500° C for $v \geq 6 \text{ cm}^3/\text{g}$ and 600 to 850° C for $p \leq 600 \text{ kg/cm}^2$. (Author)

(Physics--Thermodynamics, TT, v. 6, no. 5)

61-19799

I. Yuza, Ya.

II. RTS-1827

III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

Possible Means for & Facilitating Construction of
Wells, by G. S. Yuzbasshev.

RUSSIAN, per, Neft Khoz, Vol XXXIV, No 4, 1956,
pp 9-14.

Tech & Comm Tr

55.00

37,204

USBR
Economic
Sci - Engineering

Aug 56

Special Features of the Modification of Welded Joints
With Titanium During the Welding of Medium Carbon
Steel, by K. K. Khrenov, L. A. Poznyak, Yu. A.
Yuzbenko, M. S. Samotryasov, 9 pp.

RUSSIAN, per, Svaroch Proiz, No 6, 1959, pp 6-8.

British Welding Res Assoc

Sci

Oct 60

130,267

Visualization of Aerodynamic Streamline Flow
Around Axially Symmetrical Bodies Through the
Use of a Flat Layer of Colored Gas, by A. A.
Tuzefovich, D. N. Mirshanov, ~~Y~~ Yu. A. Dunshev,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 1, 1956, pp 73-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

Sci - Physics
Aug 57

51,589

Certain Optical Investigations of a Strong Pulse
Discharge in Hydrogen, by P. S. Kireyev, A. A.
Yusefovich.

RUSSIAN, per, Journal Mathematics, Mechanics,
Astronomy, Physics, and Chemistry Series, Moscow
University, No 5, 1959, p 105.

Navy 2282/B T-163

Sci - Physics
Sep 59

96,203

Investigation of Branched Chain Polymers Obtained by
the Reaction Between Natural Rubber and Azodicarboxy-
lates, by S. S. Ivanov, N. A. Yuzefovich, A. V.
Sidorovich, E. F. Fedorova, 8 pp.

Full tr

RUSSIAN, memo per, Kolloid Zhur, Vol XVIII, No 3,
1956, pp 285-292.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

42,250

The Mechanised Building up of Coke Crusher Rools, by
V.M. Mozok and Yu. A. Yuzenko et al, 5pp 62-67

RUSSIAN, per, Avtomat Svaka, No 3,
Mar 1963, pp 62-67.

British Welding Res Assoc.

Sci

May 64

259,222

(SF-1880)

Gor'kiy Oblast Conference of Welders, by Yu. A. Yuzvenko, 3 pp.

RUSSIAN, per, Avtomat Svarka, No 5, 1961, pp 95-96.

JPRS 4841

Sci - Engr.

166, 069

Sep 61

The Measurement of the Specific Charge of
Conduction Electrons, by V. M. Yuzhakov,
2 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXIX, No 3, 1955, pp 388-390.

American Inst of Physics
Soviet Physics, Vol II, No 2

Sci - Physics
Feb 57 CTS

43,830

Relationship Between Toxic Properties of Soil of
the Kola Peninsula and a Number of Bacterial
Antagonists of Azotobacter, by Z. I. Yuzhina, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, No 4, 1958,
pp 460-464.

Amer Inst of Biol Sci

Sci - Med

Mar 79

82,121

Survival of *Amotobater* in Cultivated and Virgin
Soils of Kola Peninsula, by Z. I. Yuzhina, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, No 2, 1958,
pp 201-205.

Amar Inst of Biol Sci

Sci - Biology

Jan 59

80,079

The Influence of Thermomechanical Treatment in
Which the Stresses are Created by Twisting the
Sample, on the Magnetic Properties of the Alloy
Vicalloy, by M. G. Yuzhinskaya, Ya. S. Shur,
N. N. Yagovkina, 4 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII,
No 4, 1959,
pp 531-534

PP

9
149,651

Sci-
Feb 61

V (FDD 27402)

Regulating the Degree of Dispersion of Insecticidal
Fogs, by V. F. Dunskiy, Z. M. Yuzhnyy, 15 pp.

RUSSIAN, no per, Selkhoz mashina, No 9, Moscow, 1955,
pp 10-13.

CIA/FDD U-8374

USSR
Sci - Biology

~~56,542~~
36806

The Use of Cuprous Chloride in the Analysis of
Platinum Metals, by S. I. Ginzburg, N. I. Yuz'ko,
6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 2, 1963,
pp 222-228.

CB

Sci
Feb 64

249,184

Coal in China, by Yuzo Mihayama, 455 pp.

Full translation.

JAPANESE, bk.

MISG/FE Tr No 68735

FE - China
Econ

A 13289

Refined Free Electron Theory of the -Electron
System, by Yuzuru Oshika, 15 pp.

JAPANESE, per, Basseiron Kenkyu, No 29, 1950,
pp 16-24.

NRH

Scientific - Chemistry

7106

Nov 53 CTS

Hose-Type Semi-Automatic Welding Head for
Submerged Arc Welding of Complex Outlines,
by Yu. A. Yuzvenko, I. A. Shostak, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1959,
pp 26.

British Welding Res Assoc

Sci

Oct 60

128,617

Minimum Noise Figure of a Receiver With Two-Circuit
Parametric Amplifier at the Input, by V. I.
Yuevinskiy, 17 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved MV1890 888R
po Razdelu Radiotekhnika, Vol V, No 4, 1962,
pp 440-447.

JPRS 17580

Sci - Elec

May 63

229,031

(NY-7166)

Noise Factor of a Receiver With Single-Circuit
Input Parametric Amplifier, by V. I. Yuzvinskiy,
21 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO,
SSR, Radiofiz, Vol V, No 2, 1962, pp 319-327.

JPRS 15X517

Sci - Electronics

Oct 62

213, 768

Semi-Dry Method of Making Chamotte Parts from
Troitsko-Baynovsk Clays, by D. I. Yuzvuk,
V. V. Saparov, 3 pp.

RUSSIAN, per, Ogneupory, No 4, 1960, pp 166-1⁷90.

Acta Metallurgica

Sci
Aug 61

167,044

Klassische Feldtheorie. 1953. by Y^Vanenko, D. U.
Sokolov, A.

Translated from the Russian edition, 1949.

DSIR 519.48
Lending Lib Unit
G. 11698

The Factory Support Point of Science, by M. Yvardanyan, 5 pp.
RUSSIAN, op, Moskovskaya Pravda, 18 Jan 1964, p 3.

JPRS 23653

USSR
Econ
Mar 64

251, 773

Kinetic Study of Oxidation, Nitriding, and
Hydrogenation of Uranium, by Yves Adda, 89 pp.

FRENCH, C E A Rpt 757, 1958.

AEC-Tr-5749
3

Sci

Aug 59

95,015

PB-

60-18646

1. Personnel--Performance
1. Yvinec, J.

Yvinec, Jean.
MEASUREMENT OF ADMINISTRATIVE WORK AND
MOTIVATION OF OFFICE PERSONNEL. (La Mesure
de Travail Administratif et l'Intéressement du Person-
nel de Bureaux). [1960] [26]p. 3 refs.
Order from SLA mi\$2.70, ph\$4.80 60-18646

Trans. of Travail et Methodes (France) 1958, no. 124,
June, p. 109-115.

This article outlines a standard method for activity
measurement by means of a single index which can ex-
plain in a synthetic manner the variations in office-
work efficiency due to the various enumerated causes.
(Author)

Office of Technical Services

(Behavioral Sciences--Personnel, TT, v. 5, no. 4)

The Macroscopic Diffusion of Neutrons by an
Approximate Method, by J. Yvon, 19 pp.

FRENCH. 9089629

AEC Tr-5168

Sci - Phys, Chem
Aug 62

208,450

The Modulation of the Neutron Flux in the
Reflector of a Pile by Absorption and Scattering,
by V. Raievskiy and J. Yvon.

FRENCH, per, Comptes Rendus, Vol CCXXXI, 1950,
pp 345-347.

4e
ASLIB-GB\$

Sci
Aug 58

72,039

Nuclear Reactor in France, by J. Yvon. UNCLASSIFIED

FRENCH, per, Journal of Physique et Le Radium, No
10, 1957.

Navv Tr 1631/OHI-127

Sci - Nuclear Physics
Mar 58

59,735

The Saclay Reactor: Two Years' Experience on
Heat Transfer by Means of Compressed Gas, by
J. Yvon.

FRENCH, paper P/387, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics
Apr 57

46,140
CIA 1-669.9.162

The Manganese-Iron Ratio in Igneous Rocks,
by I. I. Abramovich, E. B. Vysokoostrovskaya, et al,
7 pp.

RUSSIAN, per, Geokhimiya, No 11, 1963.

Scripta Technica

Sci
Jun 64

262,279

(DC-6654)

MASS SPRING FLIGHT OF CERTAIN SPECIES OF
AMPHIBIOUS BIRDS IN THE VICINITY OF THE PURITU
ORNITHOLOGICAL STATION, ESTONIAN SSR, BY
A. YU. YIGI, 8 PP.

RUSSIAN, PER, TRUDY BYURO KOL'TSEVANIYA, NO 9,
1957.

JPRS 14526

SCI - BIOL

JUL 62

204,995

Experimental techniques:

An electronic Photostimulator, by M. D. I.
4 pp

RUSSIAN, per; Fiziol Zhur SSSR, imeni I.
Sechenova, Vol XLVI, No 2, 1960, pp 247-2

PF

Sci

Oct 60

130,180

J-5527

(DC-3160).

Appraisal of Vienna World Youth Festival, by V. Z.,
11 pp.

~~VI~~
TRAINING, rpt, Attachment to OITA-2193, 1959, 10 pp.

JPRS-L-1940-D

Hydar - Austria

Fol

Dec 59

102,323

An Automatic System for Determining the
Diffusion Coefficient, by M. M. Zaalishvili,
F. O. Shraybman, A. R. Egyazarova, 10 pp.

RUSSIAN, per, Biofizika, Vol V, No 1, 1960,
pp 69-75.

PP

Sci
Aug 60

124,527

(DC-6314)

LABORATORY INSTRUMENTS OF ORGANIC GLASS FOR
CYTOPHYSIOLOGICAL RESEARCH, BY E. P. ZAAR,
L. K. LOZINA-LOZINSKIY, 5 PP.

RUSSIAN, PER, TSITOLOGIYA, NO 3, MAY/JUN 1961,
PP 359-361.

JPRS 12323

SCI
FEB 62

182,840

(NY-6117)

Production of Colorless Cells of *Euglena Gracilis*
by Means of Short Exposure to High and Low
Temperatures, by L. K. Lozina-Lozinskiy, E. I.
Zacr, 6 pp.

RUSSIAN, per, Tsitologiya, Vol III, No 1, 1961.

JPRS 9339

Sci
Jul 61

159, 838

Blast Cleaning of Constructional Steel, by J. H.
Zant, 23 pp.

DUTCH, per, Metalen, Vol XIII, No 3, 1958,
pp 42-45, 62-70, 81-88. 9070985

ACSIL 1234

Sci - Engr

Sep 60

125,544

Recent Developments in the Field of Blast
Cleaning, by J. H. Zaat.

DUTCH. per, Metalan, Vol XV, 31 Aug 1960,
pp 277-279.

BISI 2203

Sci - Engr

Jul 61

160,147

Gravimetric, Non-Destructive Determination of the
Mean Thickness of Deposit of Plated or Galvanized
Coatings and the ~~Arrangement of~~ Accuracy
of this Determination, by ~~Sgt~~ J. R. Zaat,
11 pp.

DUTCH, per, Metalen, Vol VIII, No 6, 1953, pp 129-
135.

CIA/FDD/Z-129

20,793

Scientific - Min/Metals Dec 1954 CTS

, The Collapse of Bubbles in a Viscous Liquid, by E. I. Zhababakhin, 4 pp.

, RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No 6, 1960, pp 1129- 1131.

Sci

Aug 61

PP

7
164, 49

Electromagnetic-Field Shock Waves and Their
Cumulation, by E. I. Zababakhin, M. N. Nechayev, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 2 (8), 1957, pp 442-450.

Amer Inst of Phys
Sov Phys-JETP
Vol VI (33), No 2

Sci - Phys

May 58

64,245

Abu Dhabi, by Saleem Zawal, 7 pp. UNCL

ARABIC, magazine, Al Arabi, No 30, May 1961; Encl 1
Desp 56, AmConsul, Dhahran, 10 Aug 1961; ConGen Desp
10, 10 Jul 1961.

Dept of State

WE/A - Saudi Arabia

Rex, Geog, Pol, Econ, Soc
Oct 61

170,671

Water Cock, by Avelino Elorriaga Zabala, 3 pp.

GERMAN, German Patent No 516,597.

US Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Engineering

46,670

Apr 57 CTS

An Isomer of Rhodium-106, by G. B. Baro,
W. Seelmann-Eggebert, I. Zabala, 9 pp.

ATOMIC, ^{ATOMICA,}
SPANISH, per, Publ Com Nacl Energia (Buenos
Aires), Ser Quim, Vol I, 1955, pp 29-41.

AEC Tr 2646

Sci - Chemistry

40,172

Decomposition of Nitric Acid in a High Frequency
Discharge, by T. V. Zabalotskiy, 8 pp.
UNCLASSIFIED

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 8,
Aug 1957, pp 1733-1740, Encl to IR-1187-58,
AFCH-141.

AF 1164577

Sci - Chem
Apr 58

61,260

(NY-3000)

Profitable Operation of Small Ural Plants,
by G. Zabaluyev, G. Sapiro, Ye. Odintsov, et al,
5 pp.

RUSSIAN, np, Izvestiya, 27 Apr 1961.

JPRS 10423

USSR

173,539

Econ

Nov 61

Production of Chrome-Nickel Steel With Use of
Pelletized Nickelous Oxide, by I. P. Zabaluyev.

RUSSIAN, per, Stal, Vol XVII, No 10, 1957,
pp 899-901.

Henry Bratcher 4271

\$ 5.65

Sci - Min/Met

Engr

Oct 58

74,954

(NY-3000)

The Industrialization of Siberia, by
V. Zabaluyev, 9 pp.

RUSSIAN, mp, Izvestiya, 10 Jan 62.

JPRS 13283

USSR
Leon
Apr 62

190,147

(NY-3000/3)

Results of the Work in and Future for One Economic
Administrative Region, by V. Zambaluyev, 18 pp.

RUSSIAN, per, V Pomoshch' Politicheskomy
Samoobrazovaniyu, No 12, 1958, pp 35-41.

JPRS-1996-N

USSR
Econ/Tech - Industry
Nov 59

101,570

Hygienic Evaluation of the Solar Ultraviolet
Radiation by Its Biological Effects, by A. P.
Zabaluyeva, 13 pp.

RUSSIAN, mo per, Gig i San, No 9, Moscow, Sep 1951,
pp 11-16.

CIA/FDD/U-7259

USSR
Sci - Medicine, hygiene
CTS 72/Sep 55

Effect of Vacuum Treatment on the Quality of 30KhGSNA,
and ShKh15 Steels, by T. M. Vorob'eva, I. P. Zabalyev,
E. S. Malinnikov, A. F. Tregubenko, 3 p.

RUSSIAN, per, Stal, No 10, 1959, pp 903-907.

British Iron and Steel Inst

Sci

Apr 60

114,823

Formation of Hot Cracks in Butt Welds With
Extension Tabs, by S. L. Mandel'berg, O.S. Zabarilo,

RUSSIAN, per, Avtomat Svarka, Vol VII, No 6, 1954,
pp 29-32.

27,850

Brutcher Tr 3550

Scientific - Min/Metals

Oct 55 CTS

Distribution of Indium in Cassiterite, Sphalerite
and Chalcopyrite at the Lifudzin Tin Deposit,
by T. V. Zabarina, ~~XX~~ V. V. Lapina, 7 pp.

RUSSIAN, per, Geokhim, No 2, 1961.

Geochem Soc

Sci

Nov 62

216,539

China - Petroleum, by P. P. Zabarinskiy,
50 pp.

CHINESE, document, Shih-Chieh Shih-yu Tl-Ld,
Peiping, May 1959.

REF ID: A6280

Sci - Fuels

Nov 62

217,840

(FDD 18075)

Prospects for Exploring the Derbent Structure in
Dagestan, by P. P. Zabarinskiy, 10 pp.

RUSSIAN, bimo per, Neft Khoz, No 6/7, Moscow,
Jun/Jul 1946, pp 1-6.

CIA/FDD/U-5178

USSR
Economic -
CIS/DEX

8796

Zabavin, V. I.

OXIDATION OF LUBRICATING OILS, RESINS AND ASPHALTENES OF PERMIAN OIL AND PROBLEMS OF THE ORIGIN OF ASPHALTIC RESINOUS SUBSTANCES. [1961] 10p. 7 refs.

Order from OTS or SLA \$1.10

61-18350

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1943, no. 9/10, p. 57-67.

DESCRIPTORS: *Oils, *Lubrication, Oxidation, Resins, Asphalt, Solubility, Hydrochloric acid, Methanols, Azo radicals, Methyl radicals, Chemical analysis, Coal, Rock, Minerals, Shales, Petroleum, Condensation reactions, Humic acids, Carbenes, Fuels

Oxidation of asphaltenes with air at 180-185° for 216 hours yielded a product soluble in alkali and greatly resembling humic acids in composition and properties. Oxidation of resins is much more difficult than that of (Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18350

1. Title: Asphaltenes
2. Title: Permian oil
3. Title: Asphaltic
1. Zabavin, V. I.

Office of Technical Services

61-16939

Zabavin, V. I.
SUBSTANCES ISOLATED FROM PRIMARY TAR
WITH PETROLEUM ETHER, II. [1961] 8p. 6 refs.
Order from OTS or SLA \$1.10 61-16939

I. Zabavin, V. I.

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1941,
v. 14, p. 849-855.

DESCRIPTORS: *Petroleum, *Tars, Decomposition,
Separation, Coal, Chemical reactions, Solubility,
Solvents.

A study of the substances insoluble in petroleum ether
and included in the composition of primary tars of
Cheremkhovo coal, Aleksandriya brown coal and
Kashpir shale revealed that these primary tar com-
ponents of the two coals constitute a mixture of sub-
stances of humic and resinous character. The humic
portion of Cheremkhovo coal tar is neutral in charac-
ter, while that from the Aleksandriya coal possesses
(Engineering--Chemical, TT, v. 6, no. 12) (over)

Office of Technical Services

Thermal Hydrolytic Cleavage of the Basic Organic
Matter of Coal, by V. I. Zabavin, L. A. Kleimenova.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 8, 1957, pp 72-77.

Dept of Interior
TN7, E57, No 292.

Sci - Chem

SLA 60-14011 118,838

Jun 60

Methods of Producing Pulses From a Sinusoidal
Voltage With Reduced Supply Voltage, by V. I.
Zabavín.

RUSSIAN, per, Radiotekhnika, Vol XII, No 5, 1957,
pp 73-77.

C.S.I.R.O.

Sci

May 60

115, 776

Communication Workers in the Days of October,
by N. S. Zhabnikov, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1962.

JPRS 18058

Sci.

Apr 63

229,083

Effect of High ~~Ext~~^o Frequency Waves on the
Germination of Seeds and Development of
Plants, by L. N. Barsukov, K. N. Zlatavshaya,
UNCLASSIFIED

per, Agrobiologiya, No 5, 1953, pp 80-85.

~~RUSSIAN, ^o ~~only~~ All-Union Scientific Res~~
~~Research Inst for Fertilizers, Agrotechnique,~~
~~and Agro-wood Science, Moscow~~

Scientific - Biology

Dec 54 CTS

20,161

(DC-2000/27)
At Headquarters and In the Units, by M.
Zabavskiy, 9 pp.

RUSSIAN, np, Krasnaya Zvezda, 25 Jun 1960, p 2;
28 Jun 1960, p 2.

JPRS 3956

USSE

MI1

Sep 60

127,108

By the Authority of the Element Commander, by
M. P. Zabavskiy, 5 pp

RUSSIAN, per, Ves Voz Flota, No 8, 1960, 9660392
pp 31-37

ATIC

Sci
Apr 61

144,604

The Continuous Measurement of Liquid Steel
Temperature in the Ladle, by P. Ya. Sorokin,
A. V. Zabaykin, P. P. Babich, O. A. Zakharov,
3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 12,
1958, pp 1475-1477.

Instru Soc of Amer

Sci

Apr 60

113,463